

WHAT IS CLAIMED IS:

1. A method for providing information via an interactive display system, comprising the steps of:

5 creating data and saving the data in a database;  
inputting a command by touching an interactive display screen associated with the database;  
transmitting the command to a remote client computer via a KVM extender having a receiver coupled to the interactive touch screen and a transmitter coupled to the client computer;  
creating a data request and searching the database for data corresponding to the data request;  
transmitting the data corresponding to the data request from the client computer to the interactive display screen via the KVM extender; and  
displaying the data on the interactive screen display.

20 2. The method of claim 1, wherein the creating step includes the steps of using the client computer to process the input command and generate and send a data request to a server computer associated with the database via a computer network.

25 3. The method of claim 2, including the step of transmitting the data corresponding to the data request from the server computer to the client computer through the computer network.

4. The method of claim 1, including the step of determining the command by plotting the location touched on the interactive display screen and correlating this location with a displayed link.

5           5. The method of claim 2, including the step of modifying the created data using a customized database form accessed through the server computer and saving the newly generated data in the database.

10           6. The method of claim 5, wherein the modifying step occurs at a computer that is remotely located with respect to the client and server computers and database using a single monitor, a KVM switch, and a KVM extender.

15           7. The method of claim 1, including the step of determining if the requested data is dynamic.

20           8. The method of claim 7, including the step of formatting and compiling the dynamic data before transmitting the data to the interactive display screen.

25           9. The method of claim 7, wherein the formatting and compiling steps are performed using template-based dynamic web pages.

10           10. The method of claim 7, wherein the dynamic data comprises multimedia including graphics, animation, video, picture, or audio.

15           11. The method of claim 8, including the step of determining if a graphic layout is dynamic and incorporating previously created dynamic multimedia and graphic files for the dynamic graphic layout.

20           12. The method of claim 1, including the step of displaying the data on the interactive display screen in a web page format.

13. The method of claim 1, including the step of interfacing multiple interactive display screens and client computers with a single server computer.

5 14. The method of claim 1, including the step of displaying a video collage on the interactive display screen inviting activation of the system.

15. The method of claim 14, including the step of redisplaying the video collage after a predefined period of interactive display screen inactivity.

16. A method for providing information via an interactive display system, comprising the steps of:

creating data saving the data in a database;

inputting a command by touching an interactive display screen associated with the database;

transmitting the command to a remote client computer via a KVM extender having a receiver coupled to the interactive touch screen and a transmitter coupled to the client computer;

20 using the client computer to process the input command and generate and send a data request to a server computer associated with the database via a computer network;

determining if the data requested is dynamic;

searching the database for data corresponding to the data request;

compiling and formatting dynamic data into a template-based dynamic web page;

25 determining if a graphic layout is dynamic and incorporating previously created dynamic multimedia and graphic files into the dynamic graphic layout;

transmitting the data corresponding to the data request from the client computer to the interactive display screen via the KVM extender; and

displaying the data on the interactive screen display in a web page format.

17. The method of claim 16, including the step of determining the command by plotting the location touched on the interactive display screen and correlating this location with a displayed link.

18. The method of claim 16, including the step of modifying the created data using a customized database form accessed through the server computer and saving the newly generated data in the database.

19. The method of claim 18, wherein the modifying step occurs at a computer that is remotely located with respect to the client and server computers and database using a single monitor, a KVM switch, and a KVM extender.

20. The method of claim 16, wherein the dynamic data comprises multimedia including graphics, animation, video, picture, or audio.

21. The method of claim 16, including the step of interfacing multiple interactive display screens and client computers with a single server computer.

22. The method of claim 16, including the step of displaying a video collage on the interactive display screen inviting activation of the system.

23. The method of claim 22, including the step of redisplaying the video collage after a predefined period of interactive display screen inactivity.

24. A method for providing information via an interactive display system, comprising the steps of:

5 creating data and saving the data in a database;  
modifying created data using a customized database form accessed through a server computer and saving the newly generated data in the database;

displaying a video collage on the interactive display screen inviting activation of the system;

10 inputting a command by touching an interactive display screen associated with the database;

determining the command by plotting the location touched on the interactive display screen and correlating this location with a displayed link;

15 transmitting the command to a remote client computer via a KVM extender having a receiver coupled to the interactive touch screen and a transmitter coupled to the client computer;

using the client computer to process the input command and generate and send a data request to the server computer associated with the database via a computer network;

20 determining if the data requested is dynamic and comprises multimedia including graphics, animation, video, picture, or audio;

searching the database for data corresponding to the data request;

25 compiling and formatting dynamic data into a template-based dynamic web page;

determining if a graphic layout is dynamic and incorporating previously created dynamic multimedia and graphic files into the dynamic graphic layout;

transmitting the data corresponding to the data request from the client computer to the interactive display screen via the KVM extender;

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displaying the data on the interactive screen display in a web page format; and

redisplaying the video collage after a predefined period of interactive display screen activity.

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25. The method of claim 24, wherein the modifying step occurs at a computer that is remotely located with respect to the client and server computers and database using a single monitor, a KVM switch, and a KVM extender.

26. The method of claim 24, including the step of interfacing multiple interactive display screens and client computers with a single server computer.

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